

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/581,913
Source: IFWP
Date Processed by STIC: 06/21/2006

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/581, 913

CRF Edit Date: 06/21/2006
Edited by: DD

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

~~Deleted: _____ invalid beginning/end-of-file text ; _____ page numbers~~

— Inserted mandatory headings/numeric identifiers, specifically:

— Moved responses to same line as heading/numeric identifier, specifically:

— Other:



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,913

DATE: 06/21/2006

TIME: 13:45:33

Input Set : A:\pto.da.txt
 Output Set: N:\CRF4\06212006\J581913.raw

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3 <110> APPLICANT: Cohen, Irun R.
4   Douek, Daniel
5   Mimran, Avishai
6   Carmi, Pnina
7   Quintana, Francisco J.
9 <120> TITLE OF INVENTION: ANTIGEN RECEPTOR VARIABLE REGION TYPING
11 <130> FILE REFERENCE: 28809
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/581,913
C--> 13 <141> CURRENT FILING DATE: 2006-06-07
13 <160> NUMBER OF SEQ ID NOS: 74
15 <170> SOFTWARE: PatentIn version 3.2
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 1
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20 <213> ORGANISM: Artificial sequence
22 <220> FEATURE:
23 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
one
24      of 23 novel Vbeta groups
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28 Cys
29 1
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34 <212> TYPE: PRT
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37 <220> FEATURE:
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39      of 23 novel Vbeta groups
41 <400> SEQUENCE: 2
43 Cys Ala
44 1
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48 <211> LENGTH: 2
49 <212> TYPE: PRT
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52 <220> FEATURE:
53 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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54      of 23 novel Vbeta groups
56 <400> SEQUENCE: 3
58 Cys Ser
59 1

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62 <210> SEQ ID NO: 4
63 <211> LENGTH: 3

RAW SEQUENCE LISTING

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DATE: 06/21/2006

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

64 <212> TYPE: PRT
65 <213> ORGANISM: Artificial sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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69 of 23 novel Vbeta groups
71 <400> SEQUENCE: 4
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74 1
77 <210> SEQ ID NO: 5
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82 <220> FEATURE:
83 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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84 of 23 novel Vbeta groups
86 <400> SEQUENCE: 5
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89 1
92 <210> SEQ ID NO: 6
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94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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99 of 23 novel Vbeta groups
101 <400> SEQUENCE: 6
103 Cys Ser Ala
104 1
107 <210> SEQ ID NO: 7
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109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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114 of 23 novel Vbeta groups
116 <400> SEQUENCE: 7
118 Cys Ala Ser Ser
119 1
122 <210> SEQ ID NO: 8
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125 <213> ORGANISM: Artificial sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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129 of 23 novel Vbeta groups
131 <400> SEQUENCE: 8
133 Cys Ala Thr Ser
134 1

137 <210> SEQ ID NO: 9

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,913

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TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

138 <211> LENGTH: 4
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172 <220> FEATURE:
173 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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176 <400> SEQUENCE: 11
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179 1
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183 <211> LENGTH: 5
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185 <213> ORGANISM: Artificial sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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191 <400> SEQUENCE: 12
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197 <210> SEQ ID NO: 13
198 <211> LENGTH: 5
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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204 of 23 novel Vbeta groups
206 <400> SEQUENCE: 13
208 Cys Ala Ser Ser Gln

209 1

5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,913

DATE: 06/21/2006

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

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215 <213> ORGANISM: Artificial sequence
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223 Cys Ala Ser Ser Tyr
224 1 5
227 <210> SEQ ID NO: 15
228 <211> LENGTH: 5
229 <212> TYPE: PRT
230 <213> ORGANISM: Artificial sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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234 of 23 novel vbeta groups
236 <400> SEQUENCE: 15
238 Cys Ala Ser Ser Glu
239 1 5
242 <210> SEQ ID NO: 16
243 <211> LENGTH: 5
244 <212> TYPE: PRT
245 <213> ORGANISM: Artificial sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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251 <400> SEQUENCE: 16
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254 1 5
257 <210> SEQ ID NO: 17
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259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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264 of 23 novel Vbeta groups
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268 Cys Ala Ser Ser Ile
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272 <210> SEQ ID NO: 18
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275 <213> ORGANISM: Artificial sequence
277 <220> FEATURE:
278 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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279 of 23 novel Vbeta groups
281 <400> SEQUENCE: 18

283 Cys Ala Ser Ser Asp

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,913

DATE: 06/21/2006

TIME: 13:45:33

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

284 1 5
287 <210> SEQ ID NO: 19
288 <211> LENGTH: 5
289 <212> TYPE: PRT
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293 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
one
294 of 23 novel Vbeta groups
296 <400> SEQUENCE: 19
298 Cys Ala Ser Ser Pro
299 1 5
302 <210> SEQ ID NO: 20
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304 <212> TYPE: PRT
305 <213> ORGANISM: Artificial sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
one
309 of 23 novel Vbeta groups
311 <400> SEQUENCE: 20
313 Cys Ala Ser Gly Leu
314 1 5
317 <210> SEQ ID NO: 21
318 <211> LENGTH: 5
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
one
324 of 23 novel Vbeta groups
326 <400> SEQUENCE: 21
328 Cys Ala Thr Ser Arg
329 1 5
332 <210> SEQ ID NO: 22
333 <211> LENGTH: 5
334 <212> TYPE: PRT
335 <213> ORGANISM: Artificial sequence
337 <220> FEATURE:
338 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
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339 of 23 novel Vbeta groups
341 <400> SEQUENCE: 22
343 Cys Ala Ile Ser Glu
344 1 5
347 <210> SEQ ID NO: 23
348 <211> LENGTH: 6
349 <212> TYPE: PRT
350 <213> ORGANISM: Artificial sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: A carboxy terminal portion of a Vbeta-segment, belonging to
one
354 of 23 novel Vbeta groups

356 <400> SEQUENCE: 23

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/581,913

DATE: 06/21/2006

TIME: 13:45:34

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06212006\J581913.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/581,913

DATE: 06/19/2006
TIME: 11:29:56

Input Set : A:\31960 Sequence Listing.txt
Output Set: N:\CRF4\06192006\J581913.raw

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3 <110> APPLICANT: Cohen, Irun R.
4     Douek, Daniel
5     Mimran, Avishai
6     Carmi, Pnina
7     Quintana, Francisco J.
9 <120> TITLE OF INVENTION: ANTIGEN RECEPTOR VARIABLE REGION TYPING
11 <130> FILE REFERENCE: 28809
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/581,913
C--> 13 <141> CURRENT FILING DATE: 2006-06-07
13 <160> NUMBER OF SEQ ID NOS: 74
15 <170> SOFTWARE: PatentIn version 3.2

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Does Not Comply
Corrected Diskette Needed
(pg-1)

ERRORED SEQUENCES

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999 <210> SEQ ID NO: 74
1000 <211> LENGTH: 29
1001 <212> TYPE: DNA
1002 <213> ORGANISM: Artificial sequence
1004 <220> FEATURE:
1005 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
1007 <400> SEQUENCE: 74
1008 tgcttctgat ggctcaaaca cagcgacct
E--> 1015 f

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29

↙ deleted

VERIFICATION SUMMARY DATE: 06/19/2006
PATENT APPLICATION: US/10/581,913 TIME: 11:29:57

Input Set : A:\31960 Sequence Listing.txt
Output Set: N:\CRF4\06192006\J581913.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1015 M:254 E: No. of Bases conflict, this line has no nucleotides.